

CLAIMS

What is claimed is:

1. A mobile device, comprising:
a plurality of modules;
a control unit executing a predetermined program that uses at least one of the plurality of modules based on a program initiation control signal;
a power supply providing power to drive the plurality of modules; and
a power control unit receiving information on the program that is executed by the control unit and selectively, based on predetermined selection information, supplying the power to the at least one module.
2. The mobile device of claim 1, wherein the predetermined selection information limits power consumption of the mobile device to only modules necessary for the predetermined program execution.
3. The mobile device of claim 1, wherein the predetermined selection information comprises information on which modules are to be driven based on the information from the control unit of which program has been executed.
4. The mobile device of claim 1, wherein the power control unit comprises:
a look-up table, as the predetermined selection information, having data for selectively identifying an on/off operation on a driving of respective modules, depending on the information from the control unit of which program has been executed; and
a switching unit selectively performing the identified on/off operation of the power supplied to the respective modules according to the look-up table.
5. The mobile device of claim 1, wherein any one of the plurality of modules visually displays a result obtained by processing the executed program.
6. The mobile device of claim 5, wherein any one of the of the plurality of modules comprises a display device for the visual displaying of the result obtained by the processing of the executed program.

7. The mobile device of claim 5, further comprising a display device controlled by the control unit to display a menu window for setting the predetermined selection information.

8. The mobile device of claim 7, wherein the menu window comprises:
a menu displaying the respective modules;
a check box menu provided on one side of the displayed menu; and
a setting menu selecting and modifying a value set in the check box menu.

9. The mobile device of claim 8, wherein the setting menu modifies which modules are to be powered when at least the predetermined program is executed.

10. A method for controlling power in a mobile device including a plurality of modules and a control unit, having a given program stored therein using at least one of the plurality of modules, the method comprising:

modifying a predetermined selection database to identify at least one module, of the plurality of modules, that is to be driven when the program is executed;

identifying each module that is to be driven when the program is executed, based on the predetermined selection database; and

supplying power to the identified modules.

11. The method of claim 10, wherein the predetermined selection database includes information for limiting power consumption of the mobile device to only modules necessary for the program execution.

12. The method of claim 10, wherein the modifying of the predetermined selection database includes identifying an additional module, in addition to the at least one module of the plurality of modules previously indicated as being driven when the program is executed, that is to be driven when the program is executed.

13. The method of claim 10, wherein the supplying of the power comprises:
referencing the predetermined selection database to identify which modules are to be driven when the program is executed; and
supplying power to to the modules identified as being driven.

14. The mobile device of claim 10, wherein any one of the plurality of modules visually displays a result obtained by processing the executed program.

15. The mobile device of claim 14, wherein any one of the plurality of modules comprises a display device for the visual displaying of the result obtained by the processing of the executed program.

16. The method of claim 14, wherein the display of the result includes displaying a menu window for modifying the predetermined selection database.

17. The method of claim 16, wherein the menu window comprises:
a menu displaying the respective modules;
a check box menu provided on one side of the displayed menu; and
a setting menu selecting and altering a value set in the check box menu.

18. The method of claim 17, wherein the setting menu modifies which modules are to be powered when the program is executed.

19. A recording medium, for use with a mobile device including a plurality of modules and a control unit having a given program stored therein using at least one of the plurality of modules, comprising:

a predetermined selection database identifying at least one module, of the plurality of modules, that is to be driven when the program is executed, such that upon an execution of the program only identified modules will be powered and driven by the mobile device to limit power consumption of the mobile device.

20. The recording medium of claim 19, wherein the predetermined selection database includes information for limiting power consumption of the mobile device to only modules necessary for the program execution.

21. The recording medium of claim 19, wherein the predetermined selection database is modifiable to identify an additional module, in addition to at least the one module of the plurality of modules previously indicated as being driven when the program is executed, that is to also be driven when the program is executed.